

FILED

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PUBLIC UTILITIES  
COMMISSION

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

In the Matter of )

PUBLIC UTILITIES COMMISSION )

Instituting a Proceeding to )  
Investigate Proposed Amendments )  
to the Framework for Integrated )  
Resource Planning. )  
\_\_\_\_\_ )

Docket No. 2009-0108

RESPONSES TO THE ORDER ESTABLISHING HEARING PROCEDURES

BY THE

COUNTIES OF HAWAII, KAUAI, AND MAUI

AND

CERTIFICATE OF SERVICE

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

In the Matter of	)	
	)	
PUBLIC UTILITIES COMMISSION	)	
	)	
Instituting a Proceeding to	)	Docket No. 2009-0108
Investigate Proposed Amendments	)	
to the Framework for Integrated	)	
Resource Planning.	)	
<hr/>	)	

**RESPONSES TO THE ORDER ESTABLISHING HEARING PROCEDURES BY THE  
COUNTIES OF HAWAII, KAUAI, AND MAUI**

Pursuant to the Order Establishing Hearing Procedures, dated January 28, 2010, the Counties of Hawaii, Kauai, and Maui ("Counties") respectfully provide the requested information as follows:

1. Regarding the matters contained in the submissions by the Counties of Hawaii, Kauai, and Maui, Mr. Calvin Kobayashi of the County of Maui will be the primary expert witness on all five panels. Mr. Glenn Sato will be the secondary witnesses on all five panels, for the County of Kauai. Mr. William Rolston will be the secondary witness on panels three to five. In order to speed up the panel hearing, the secondary witnesses will only respond when deemed necessary to clarify a position or to address a county-specific question.

2. Regarding the matters contained in the Exhibit Counties-1, the Counties indicated in its Final Statement of Position that, "(t)he Counties have been collaborating with the intervenors to this proceeding on the development of a FSOP Joint Framework

and the Counties are in general agreement with and support the FSOP Joint Framework, attached as Exhibit Counties-1.” For clarification, the Counties note that HECO’s Compiled Proposed Frameworks, dated January 26, 2010, attributes Exhibit Counties-1 only to the Counties. That attribution is incorrect and more appropriately, the Joint Framework should be attributed to each supporting intervenor. Accordingly, with regard to the Joint Framework (also referred to as “Joint Proposed Framework” by other intervenors), the Counties recommend that each supporting intervenor represent their own position because we feel that it would be inappropriate for some other supporting intervenor to represent the Counties on this specific matter, and vice versa. With regard to the Counties’ positions within the Joint Framework, Mr. Calvin Kobayashi will be the primary expert witness and Mr. William Rolston will be the secondary expert witness for the County of Hawaii and Mr. Glenn Sato will be the secondary expert witness for the County of Kauai.

3. The curricula vitae for the Counties’ expert witnesses are attached as exhibits.

This concludes the Counties’ responses.

DATED: Hilo, Hawai'i, February 1, 2010.

LINCOLN S.T. ASHIDA  
Corporation Counsel  
Counsel for Intervenor  
COUNTY OF HAWAII

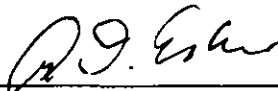
By



WILLIAM V. BRILHANTE, JR.  
Deputy Corporation Counsel

DATED: Līhu'e, Hawai'i, January 29, 2010.

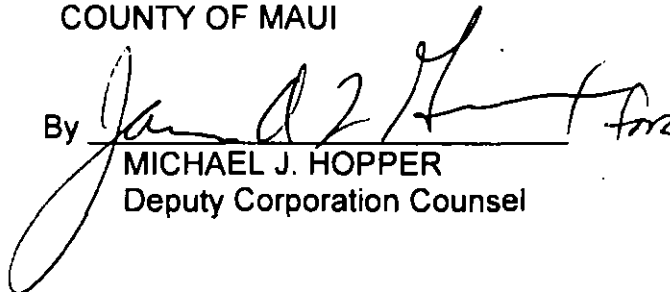
ALFRED B. CASTILLO, JR.  
County Attorney  
Counsel for Intervenor  
COUNTY OF KAUAI

By \_\_\_\_\_  
Amy I. Esaki  
Deputy County Attorney

DATED: Wailuku, Hawai'i, January 29, 2010.

BRIAN T. MOTO  
Corporation Counsel  
Counsel for Intervenor  
COUNTY OF MAUI

By

A handwritten signature in black ink, appearing to read "Michael J. Hopper", is written over a horizontal line. The signature is stylized with a large loop at the beginning and a long, sweeping tail that extends to the right.

MICHAEL J. HOPPER  
Deputy Corporation Counsel

## **CERTIFICATE OF SERVICE**

I hereby certify that copies of the foregoing Final Statement of Position were duly served upon the following by hand delivery and by electronic mail, on February 1, 2010, addressed as follows:

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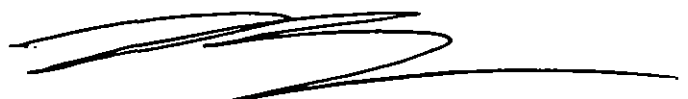
H. RAY STARLING, Program Manager  
Hawaii Energy Efficiency Program  
1132 Bishop Street, Suite 1800  
Honolulu, HI 96813

One Copy via Email

DATED: Hilo, Hawai'i, February 1, 2010.

LINCOLN S.T. ASHIDA  
Corporation Counsel  
Counsel for Intervenor  
COUNTY OF HAWAII

By



WILLIAM V. BRILHANTE, JR.  
Deputy Corporation Counsel

GLENN H. SATO

**BUSINESS ADDRESS:** County of Kauai  
Office of Economic Development  
4444 Rice Street, Suite 200  
Lihue, HI 96766

**OCCUPATION/POSITION:** Economic Development Specialist IV-Energy

**EDUCATION:** Bachelor of Science-Biology  
Marine Options Program  
University of Hawaii-Manoa

Certified Grant Writer,  
Grantsmanship Institute

**WORK EXPERIENCE:** 1994-Present  
Economic Development Specialist IV-Energy

1991-1994  
Director, Office of Economic Development  
County of Kauai

1989-1991  
Economic Development Specialist IV-Energy

1988-1989  
Purchasing Specialist II  
Division of Purchasing  
County of Kauai

1978-1987  
Senior Biologist/Aquaculture Manager  
Prawns of Hawaii/Kauai Papaya Company  
Kilauea, Kauai

1976-1978  
Environmental Biologist  
Environment Impact Study Corporation  
Honolulu, Hawaii

**RELEVANT ENERGY  
EXPERIENCE/HIGHLIGHTS**

- County Performance Contract Implementation-1995
- Rebuild America and Rebuild Hawaii Participant
- Electric Vehicle Demonstration Program Participant
- County Energy Emergency Preparedness Plan author
- Energy Policy Forum Ex-Officio Member

- KIUC Integrated Resource Plan Advisory Committee Member
- Governor's Energy Advisory Committee Member
- State Energy Council Member
- Kauai Energy Council Member
- Environmental Impact Statements-Writer for various projects statewide
- Constructed and operated 7.5 kW package hydroelectric system for Prawns of Hawai'i.
- Developed first waste oil recycling program for Kauai
- Initiated first public bus transportation system for Kaua'i
- Secured grant for Ni'ihau School with an MOU with the State Dept. of Education for a 10 kW Photovoltaic Power. Ni'ihau School is the only 100% solar powered school in the State (and perhaps the nation).
- Provided Ni'ihau School with fresh potable water via purchase and installation of water maker that condenses the humidity in the air to provide fresh water.

#### PUBLIC UTILITIES COMMISSION DOCKET EXPERIENCE:

- Docket No. 6617 Proceeding to Require Energy Utilities in Hawai'i to Implement Integrated Resource Planning
- Docket No. 03-0371 Proceeding to Investigate Distributed Generation in Hawai'i.
- Docket No. 03-0372 Proceeding to Investigate Competitive Bidding for New Generating Capacity in Hawaii
- Docket No. 05-0069 Approval and/or Modification of Demand-Side and Load Management Programs and Recovery of Program Costs and DSM Utility Incentives
- Docket No. 2006-0498 Proceeding to Investigate the Proposed Tariffs Filed by Kaua'i Island Utility Cooperative and Other Related Matters
- Docket No. 2007-0176 Proceeding to Investigate the Implementation of Intragovernmental Wheeling of Electricity
- Docket No. 2009-0108 Proceeding to Investigate Proposed Amendments to the Framework for Integrated Resource Planning

## ATTACHMENT 2

### CURRICULUM VITAE FOR KALVIN K. KOBAYASHI

#### Business Address

County of Maui Department of Management  
200 S. High Street  
Wailuku, HI 96793

#### Educational Background and Relevant Work Experience

1988-Present: Energy Coordinator, County of Maui Department of Management

##### Experience Before the Hawaii Public Utilities Commission:

- Docket No. 6617 Proceeding to Require Energy Utilities in Hawai'i to Implement Integrated Resource Planning
- Docket No. 94-0345 Maui Electric Company Request for Approval of Rate Increases (The County of Maui and MECO reached a settlement whereby MECO would retrofit mercury vapor streetlights with high pressure sodium vapor streetlights.)
- Docket No. 03-0371 Proceeding to Investigate Distributed Generation in Hawai'i
- Docket No. 05-0069 Approval and/or Modification of Demand-Side and Load Management Programs and Recovery of Program Costs and DSM Utility Incentives
- Docket No. 2007-0176 Proceeding to Investigate the Implementation of Intragovernmental Wheeling of Electricity
- Docket No. 2009-0108 Proceeding to Investigate Proposed Amendments to the Framework for Integrated Resource Planning

##### Experience in the Maui Electric Company IRP Process:

- Represented the County of Maui in the aforementioned proceedings on Integrated Resource Planning
- Represented the County of Maui in all MECO IRP Advisory Groups since the inception of the IRP process.
- Represented the County of Maui in HECO's Hawaii Externalities Project
- Completed numerous workshops and seminars related to and/or in conjunction with MECO's IRP process

#### Experience Relevant to the IRP Process

- The general activities associated with the position of the Energy Coordinator include analyzing energy matters affecting all energy sectors within the County of Maui and representing the County of Maui on various advisory committees. This broad experience base supports involvement in IRP Advisory Groups and in related PUC proceedings.

1984-1988:

#### Staff Planner, County of Maui Department of Planning

- Analyzed development proposals for the Maui Planning Commission, the Historic Commission, the Mayor's (Hannibal Tavares) Heliport Advisory Committee, and various other boards and committees.

#### Experience Relevant to the IRP Process

- Analyzing development proposals
- Understanding regulatory laws and processes
- Promoting public awareness and outreach

1981-1983:

#### Lahaina Lab and Store Manager and Manager of Statewide Operations for Hawaiian One Hour Color Photo (bought out by Fox Photo)

#### Experience Relevant to the IRP Process

- Using "disruptive technologies" to transform markets: Participated in the movement that began around 1980, when decentralized film and photo processing technologies triggered the transition of the film and photo processing industry away from a centralized processing industry paradigm to a de-centralized processing industry paradigm. Some distributed generation ("DG") technologies are "disruptive technologies," much like the "disruptive" de-centralized film and photo processing technologies, and DG technologies are transforming the electrical power industry in manners similar to the transformation of the film and photo processing industry.
- Market power issues: To my understanding, the Lahaina Lab and Store was the first in the nation to challenge Kodak head-on in its wholesale markets (Kodak dominated the wholesale markets and only the new, de-centralized film and photo processing companies competed in niche retail markets). Since our company used Kodak film and photo processing supplies, our direct competition to Kodak created a situation similar to distributed generation service providers

competitors to utilities, but, rely on the utilities for support services.

1974-1979: Bachelor's Degree in Business Administration at the University of Hawaii at Manoa and on-the-job management training at four restaurants

#### Experience Relevant to the IRP Process

- The valuation of externalities: In conjunction with course work in real estate appraisal at UH, passed testing and demonstration project requirements for professional designation with the Society of Real Estate Appraisers (one of two national professional organizations at that time). The valuation of real estate is relevant to the valuation of externalities because the basic economic principles used in the valuation of real estate are the foundation to any valuation effort, including the valuation of externalities associated with energy resources.

Will Rolston

wrolston@co.hawaii.hi.us  
808-315-3079

### SUMMARY

Progressive career developing, leading and implementing projects in the power generation and energy fields. Trusted to perform strategic and budgetary decisions for multi-million dollar projects. Excellent qualifications in power generation and renewable energy technologies.

### EXPERIENCE

*County of Hawaii, Energy Coordinator (7/2009-present)*

*NELHA, Renewable Energy Projects Manager and Administrator (3/07-7/09)*

- Natural Energy Laboratory Hawaii Authority lead interface for businesses, visiting dignitaries, state officials, Hawaii residents and tourists on energy issues, policies and solutions
- Author of Green Energy Zone initiative to increase renewable energy and sustainability at NELHA: near 100% by 2012
- Energy Projects Request for Proposal written: 3 MW Renewable Energy Multi-Award Project, 1 MW Ocean Thermal Energy Project and 4 MW Microgrid
- Site evaluations of potential renewable energy projects and analysis of efficiency gains from combined technologies

*Gilmartin Capital, Energy Analyst (2002-2006)*

- Consultant for institutional and private investors on energy company developments: including renewable energy technologies, oil/gas supply and demand analysis
- Evaluation of energy projects: consultant on technologies, Feasibility studies and alternate energy
- Research, recommendations and presentations on various energy topics

*Janus Mutual Funds, Investment Analyst (1999-2002)*

- Developer of high impact shareholder communication programs; team leader responsible for increased revenues in Janus Fund by 24%
- Educator and daily interface for representatives on understanding and marketing technology, aggressive growth, and high-yield funds
- Division Leader for Janus - Investor Communications Restructure

*Westinghouse Power Generation Division, Project Engineer (1985-1997)*

- Project Technical Support: US Wind Farm, PV/Solar-thermal, Geothermal and Supercollider development projects
- Technical/marketing representative for Europe, Africa, Middle East
- Westinghouse Award Winner - Largest Increase in new markets

### EDUCATION

- BS Mechanical Engineering, Pennsylvania State University [1985]
- MBA Marketing and Finance, Florida Institute of Technology [1994]
- Computer skills: excel, word, research databases
- PADI Divemaster and Rescue-diver